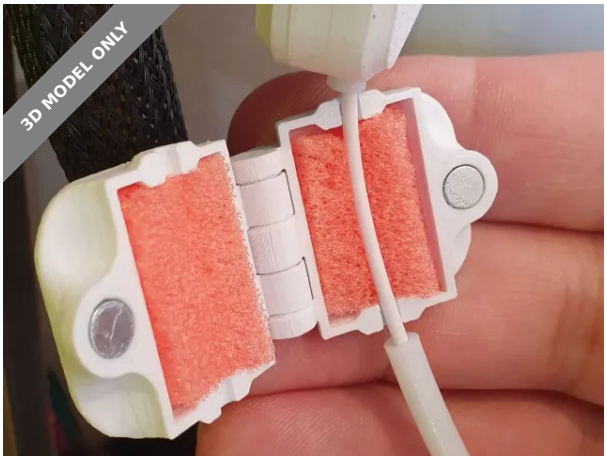

Filament Dust Cleaner Filter - print in place

jajaum3d

VIEW IN BROWSER

updated 8. 4. 2026 | published 8. 4. 2026

Summary

Keep your filament clean and your printer running smoothly with this one-handed, easy-to-use filament dust cleaner!

3D Printers > Accessories

Tags: printinplace gadget dust 3dprinterparts dustfilter filamentdustfilter 3dprintertools

Keep your filament clean and your printer running smoothly with this one-handed, easy-to-use filament dust cleaner!

Prefer no magnets?

This version works the same — just simpler:
https://makerworld.com/en/models/2631790-one-hand-filament-filter-no-magnets-clean-print

Printing Instructions

- Use **0.2mm layer height** or less (photos printed at 0.1mm).
- Magnets need to be glued into place.
- Magnets (Sizes Supported):
  - 5x2mm

    - 6x3mm
    - 6x2mm
    - 5x5mm
- **Blank Version:**
  A "blank" version without pre-made holes is included for complete customization. Use **negative space** in your slicer to add magnets of any size, even embedding them during printing. The distance between magnet centers is **47.5mm** for proper alignment.

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Description

The **Filament Dust Cleaner Filter** is a practical and efficient tool for keeping your filament free of dust and debris, ensuring high-quality prints every time.

This print-in-place design features magnetized closures for easy attachment and removal, making it convenient to operate with just one hand. The "blank" version allows complete customization, letting you choose the size and position of the magnets to best fit your setup.

Whether you're a beginner or an experienced printer, this tool is a must-have for maintaining filament quality and ensuring consistent print results.

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Model files

filamentdustcleanerfilter_5x2.stl

filamentdustcleanerfilter_5x5.stl

filamentdustcleanerfilter_6x3.stl

filamentdustcleanerfilter_6x2.stl

filamentdustcleanerfilter_blank.stl

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